

# Oil Field Environmental Incident Summary

**Incident:** 20140616103518      **Date/Time of Notice:** 06/16/2014 10:35

**Responsible Party:** KODIAK OIL & GAS (USA) INC.

**Well Operator:** KODIAK OIL & GAS (USA) INC.

**Well Name:** P VANCE 154-97-2-17-5-5H

**Field Name:** TRUAX

**Well File #:** 22190

**Date Incident:** 6/12/2014

**Time Incident:** 12:05

**Facility ID Number:**

**County:** WILLIAMS

**Twp:** 154

**Rng:** 97

**Sec:** 17

**Qtr:**

**Location Description:**

**Submitted By:** Britiny Fabry

**Received By:**

**Contact Person:** David Faulkner  
1625 BROADWAY STE 250  
DENVER, CO 80202

**General Land Use:** Well/Facility Site

**Affected Medium:** Soil and Water

**Distance Nearest Occupied Building:**

**Distance Nearest Water Well:**

**Type of Incident:** Valve/Piping Connection Leak

**Release Contained in Dike:** No

**Reported to NRC:** Unknown

	Spilled	Units	Recovered	Units	Followup	Units
Oil	20	Barrels	20	Barrels	10	barrels
Brine					10	barrels
Other						

**Description of Other Released Contaminant:**

**Inspected:**

**Written Report Received:** 1/26/2016

**Clean Up Concluded:** 6/23/2014

**Risk Evaluation:**

soil and water

**Areal Extent:**

Liquid did run off of location into near by creek

**Potential Environmental Impacts:**

top soil and creek water

**Action Taken or Planned:**

Used vac truck to suck up all standing oil and water and placed in 400 bbl upright tank. Scraped up all contaminated soil on and off location, hauled to disposal. Fittings much be more secure and tightened

**Wastes Disposal Location:** An approved disposal site

**Agencies Involved:****Updates**

**Date:** 6/16/2014    **Status:** Inspection

**Author:** O'Gorman, Brian

**Updated Oil Volume:****Updated Salt Water Volume:****Updated Other Volume:****Updated Other Contaminant****Notes:**

Arrived on location at 16:45, 6/16/14. 74 degrees F, mostly sunny, east wind 15-20 mph. Met with Kodiak representative who escorted me around release location. Observed site and took photos. The Kodiak representative explained to me that the release occurred at the well head and moved toward the southwestern portion of the well pad where it moved into the drainage ditch southwest of the pad. He also showed me a Google map of locations where a third party contractor had sampled to obtain chloride results for the cleanup process, which should be completed by June 19. Observations of the area showed crude oil impacts approximately 150 feet toward the southeast along the drainage path approximately 2 to 5 feet in width, in the areas that had exited the well pad. Impacts to the well pad had been removed and replaced at the time of inspection. Soil EC levels were documented using the Oakton EC meter in various locations along the release path.

Location #1 - Background sample (north of culvert, upgradient of release)

0 - 6" (8.96 ms/cm)

0 - 12" (3.47 ms/cm)

0 - 18" (1.45 ms/cm)

Location #2 - Kodiak sample location #6 (natural collection area, catch basin, approximately 300 feet from SW corner of well pad, vac truck collection area, possible furthest extent of release)

0 - 6" (1.994 us/cm)

0 - 12" (2.60 ms/cm)

0 - 18" (2.07 ms/cm)

0 - 24" (2.55 ms/cm)

Location #3 (approximately 36 feet downgradient of location #2)

0 - 6" (2.55 ms/cm)

0 - 12" (2.43 ms/cm)

0 - 18" (2.92 ms/cm)

0 - 24" (2.74 ms/cm)

Location #4 (Kodiak sample location #5, approximately 220 feet downgradient from SW corner of well pad)

0 - 6" (3.04 ms/cm)

0 - 12" (2.65 ms/cm)  
0 - 18" (3.05 ms/cm)  
0 - 24" (3.81 ms/cm)

Location #5 (approximately 100 feet downgradient from SW corner of well pad)  
0 - 6" (2.36 ms/cm)  
0 - 12" (2.63 ms/cm)  
0 - 18" (2.86 ms/cm)  
0 - 24" (2.47 ms/cm)

\*Oil impacts observed on soil surface by smell test and sight at this location and approximately 50 feet downgradient from this location along the drainage channel.

Two soil samples were collected for DRO and Group 190 analysis at 48 degrees, 10.028, -103 degrees, 10.822; and 48 degrees, 10.017, -103 degrees, 10.803.

According to the Kodiak representative, distance to the lake was approximately 1.5 to 2 miles from location #2.

Soils impacted along the drainage area tended to be a silty clay texture.

Environmental consultant will forward maps, sample locations, disposal manifests and cleanup schedule to me when cleanup is complete.

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**Date:** 6/16/2014    **Status:** Reviewed - Follow-up Required

**Author:** Stockdill, Scott

**Updated Oil Volume:**

**Updated Salt Water Volume:**

**Updated Other Volume:**

**Updated Other Contaminant**

**Notes:**

According to the incident summary, this spill impacted areas off of location including, but not limited to, a dry creek bed. More followup is necessary.

Brian O'Gorman will be on location 6/16/2014.

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**Date:** 6/17/2014    **Status:** Correspondence

**Author:** O'Gorman, Brian

**Updated Oil Volume:**

**Updated Salt Water Volume:**

**Updated Other Volume:**

**Updated Other Contaminant**

**Notes:**

Received email with spill map and contact info from Kodiak contact. Email and attachments in folder.

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**Date:** 7/8/2014    **Status:** Correspondence

**Author:** O'Gorman, Brian

**Updated Oil Volume:**

**Updated Salt Water Volume:**

**Updated Other Volume:**

**Updated Other Contaminant**

**Notes:**

Received remediation updates from Kodiak representative on 7/2 and 7/3/14. Emails are in folder.